

# *Surface & Expeditionary Warfare Programs*

*Mr. John L. Freeman*

NAV  AIR




**APBI 2006**



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# Landing Craft Air Cushion

Description: Modify both LCAC Full Mission Trainers (FMT), Device 20G6, to match Service Life Extension Program (SLEP) of the Craft

Acquisition Strategy		Funding	
Competition Type: TBD		~\$3M	
Point of Contact		Milestones	
Name: Jim Lau Phone: 407.380.4025 Email: James.Lau@navy.mil		 RFP FY06Q4	 Contract Award FY07Q1
			

# Landing Craft Air Cushion




Description: Develop new and update existing curriculum to support operator training for SLEP Craft

Acquisition Strategy		Funding	
Competition Type: Comp		~\$2.5M	
Point of Contact		Milestones	
Name: Jim Lau Phone: 407.380.4025 Email: James.Lau@navy.mil		 RFP FY07Q1	 Contract Award FY07Q2
			

# Multi-Purpose Supporting Arms Trainer (MSAT)

Description: Deliver an interoperable Multi-Purpose Supporting Arms Trainer Display, Classroom and M&S environment to EWTGPAC, NSAWC and 9 potential USMC & USMC Reserve locations to train Joint Terminal Attack Controllers and Forward Observers in the employment of:




- Naval Fire Support
- Tactical Air Support
- Field Artillery Support

Acquisition Strategy	Funding
Competition Type: TBD	~\$14M FY06-09
Point of Contact	Milestones
<p><b>Name:</b> John Bilbruck</p> <p><b>Phone:</b> 407.380.8017</p> <p><b>Email:</b> John.Bilbruck@navy.mil</p>	<div><div><p><b>RFP</b></p><p>FY07Q1*</p></div><div><p><b>Contract Award</b></p><p>FY07Q2*</p></div><div></div></div>

\*Depending on availability of funds




# Surface Warfare Officers School Command (SWOS)

Description: Department Head Alignment, a phased transformation implementing tailored & enhanced proficiency training into the capstone curriculum for Surface Warriors. SWO DH's will be covenant leaders, business savvy stewards, professional mariners, confident, competent Surface Warriors. Effort will involve re-Engineering of curriculum, technology and some facilities.

Acquisition Strategy	Funding
Competition Type: Various	~\$15M FY06-09
Point of Contact	Milestones
<b>Name:</b> Dan Balash <b>Phone:</b> 407.381.8876 <b>Email:</b> Dan.Balash@navy.mil	 <b>RFP</b>  <b>Contract Award</b>  Various awards FY06 - 09




# Generic Reconfigurable Training Systems (GRTS)

Description: Demonstrate feasibility of migrating away from hardware intensive, single purpose training devices and move toward a software/graphics intensive, PC based, rapid reconfigurable training systems architecture. Considering name change to “**PORTS**” – **PC-based Open Architecture for Reconfigurable Training Systems**

Acquisition Strategy	Funding
Competition Type: GRTS IDIQ	~\$4M FY06-07
Point of Contact	Milestones
<b>Name:</b> Dan Balash <b>Phone:</b> 407.381.8876 <b>Email:</b> Dan.Balash@navy.mil	 RFP  Contract Award  Various awards FY06 - 07

# Center for Naval Engineering (CNE)

Description: Engineering Plant Operators Course (EPOC), transform “journeyman level” propulsion engineering training, both operator and maintenance, from existing “brick and mortar, paper based” curriculum to a “blended solution” based on the Science of Learning and sound instructional design.

Acquisition Strategy	Funding
Competition Type: Comp RFP Released 24 May 2006	~\$25M FY06-08
Point of Contact	Milestones
<b>Name:</b> Finn Kilsgaard <b>Phone:</b> 407.380.4414 <b>Email:</b> Finn.Kilsgaard@navy.mil	 <b>RFP</b> 5/24/06  <b>Contract Award</b> 8/17/2006 

# Hull, Mechanical & Electrical (HM&E) Trainer Upgrades




TRAINER	AWARD YR	EST \$	ACQ STRAT
19G4A DDG-51 Gas Turbine Propulsion Plant Trainer, PC "Desktop" Trainer	FY06	650K	TBD
20H5 DD-963 Engineering Control Surveillance System Operator Trainer, Rehost to PC	FY07	300K	TBD
20H5CG, Convert 20H5 to CG-52 Baseline Operator Trainer	FY07	980K	TBD
19E3 DD-963 Engineering Control Surveillance System (ECSS) Operations & Maintenance Trainer, rehost to PC	FY08	400K	TBD

Acquisition Strategy	Funding
Competition Type: Various	~\$2.5M FY06-08
Point of Contact	Milestones
<b>Name:</b> Finn Kilsgaard <b>Phone:</b> 407.380.4414 <b>Email:</b> Finn.Kilsgaard@navy.mil	<div>▲</div> <div>RFP</div> <div>FY06Q4</div> <div>▲</div> <div>Contract Award</div> <div>FY07Q1-FY08</div> <div>▲</div>






# Fire Fighting Trainers

Description: Continue Modifications and Upgrades of Fire Fighting Trainers at Fleet Fire Fighting Schools, implement a Service Life Extension Program, convert Fire Fighting School, Pearl Harbor, from fossil fuel to propane, replace DC “Wet” Trainer.

Acquisition Strategy	Funding
Competition Type: Various	~\$10M FY06-10
Point of Contact	Milestones
<b>Name:</b> Pat Wong <b>Phone:</b> 407.380.8156 <b>Email:</b> Patrick.Wong@navy.mil	 <b>RFP</b>  <b>Contract Award</b>  Various awards FY06 - 10

# Minor Modification Program

Description: Provide modifications and upgrades to existing surface trainers at various sites. Modifications are fleet prioritized and include enhancements, rehosts, hardware/software upgrades and other modernization efforts.

Acquisition Strategy	Funding
Competition Type: Various	~\$5M per FY
Point of Contact	Milestones
<b>Name:</b> John Freeman <b>Phone:</b> 407.380.4029 <b>Email:</b> John.L.Freeman@navy.mil	 <b>RFP</b>  <b>Contract Award</b>  Various multiple awards each FY

# Other Initiatives of Interest.....

- Littoral Combat Ship (LCS)
  - LCS “COVE” Bridge Simulator Prototype at SWOS
  - Networked Tactical Training System Prototype (ONR)
- Improved Navy Lighterage System (INLS)
  - Also known as “Barge Ferry”
  - Integrating COVE architecture with OEM Dynamic Positioning/Machinery Control
- Multi-Mission Team Trainer (MMTT)
  - Re-Architecting/Re-Hosting
- Conning Officer Virtual Environment (COVE)
  - Leveraging shiphandling simulation architecture for application to:
    - LCS, possibly DD(X)
    - USCG Platforms
    - RHIBs
    - ATPF Functionality
    - LCS RMV
    - INLS
    - Crane/Davit
    - Intelligent Aggressors

# Conclusion/Summary

- **Advances in Technology Enable New Ways To Train**
  - Important to maintain a dynamic balance between “*Requirements Pull*” and “*Technology Push*”
- **Total Ship Training**
  - Human Systems Integration (HSI)
  - Total Ownership Costs (TOC)
  - Optimal Manning/Workload Reduction
  - Partnerships with Industry and other Naval Warfare Centers will support integration of training from the “Total Ship” perspective
- **Alignment with NAVSEA, NETC/NPDC and Learning Centers**
- **Focus on Fleet Concentration Areas**
- **Facilitate achieving the Vision and Strategy for Surface Warfare Training, OPNAVINST 1500.57A**  
[http://neds.daps.dla.mil/Directives/1500\\_57a.pdf](http://neds.daps.dla.mil/Directives/1500_57a.pdf)

